

Viewing Jurisdiction Crash Maps in TREDs

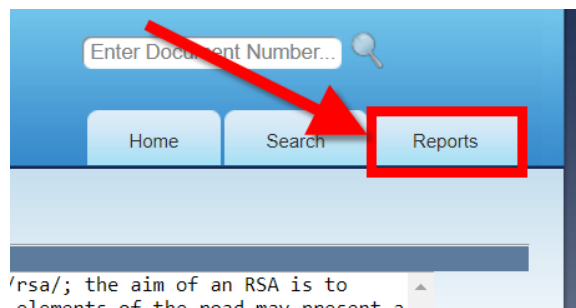
Introduction

The Jurisdiction Crash Maps feature in TREDs allows you to quickly view vehicle crash data on a map for a single jurisdiction. This feature employs Google Maps technology, including its Street View mode, to pinpoint the exact GPS location of each crash as indicated on its crash report. Only DMV crash reports with verified location information can be displayed on a jurisdiction crash map.

The instructions in this article explain how to open the Jurisdiction Crash Maps page and display the results of a jurisdictional search on a map.

Step-by-step guide

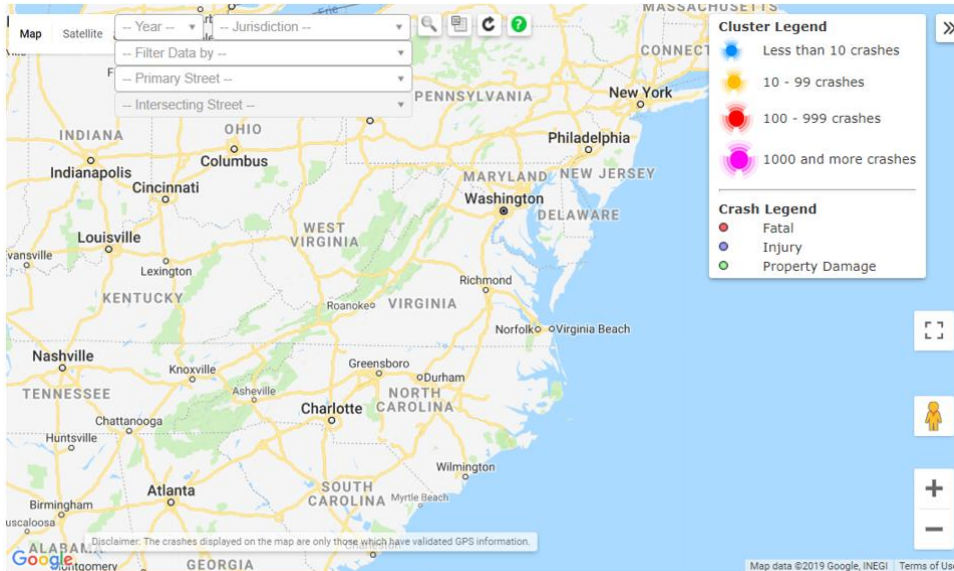
1. To open the Jurisdiction Crash Maps page:
 - a. Log in to TREDs.
 - b. Click the **Reports** tab in the top-right corner of the TREDs Home page. (This tab is available on all pages in TREDs, as well.)



- c. Expand the **Mapping** category if it is not already expanded. In this section, locate the **Jurisdiction Crash Maps** link, and click it.



- The Jurisdiction Crash Maps page initially displays a map at a wide view, similar to the image below. Take a moment to familiarize yourself with the controls and guidance on this page.



- Use the drop-down menus near the top-left corner of the map to choose crash criteria for a specific jurisdiction. These menus are described below.
 - Year:** Choose between the current year and any of the previous five years.
 - Jurisdiction:** All Virginia jurisdictions are listed in this drop-down menu. You can use the search field at the top of the list to quickly find a particular jurisdiction. When you select a jurisdiction, the map will zoom to that location.

Note: The list of jurisdictions shows all counties first, followed by all independent cities.

- Filter Data by:** Choose the desired conditions that contributed to the crashes you want to view. You can choose as many conditions as you wish. You can also simply choose **All Crashes** to view all applicable crashes in the selected jurisdiction.

Note: If you select multiple conditions, your search results will display only the crashes that meet ALL the selected conditions. For example, if you choose **Alcohol Related** and **Speed Related**, you will see only those crashes in which BOTH alcohol and excessive speed played a role.

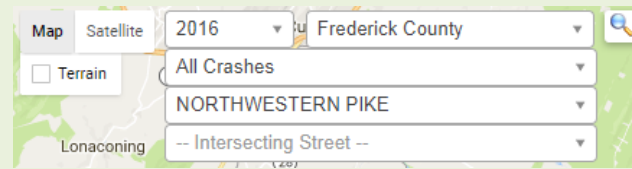
Note: The **Interstate Only** and **Non-Interstate Only** selections cannot both be selected at the same time. If you want to view crashes on both types of highways, either choose **All Crashes** or simply leave both **Interstate Only** and **Non-Interstate Only** unselected.

Tip: Be sure to select only as many conditions as you need from the **Filter Data by** list. If you select too many conditions, your search might be too specific and may consequently produce very few or no results.

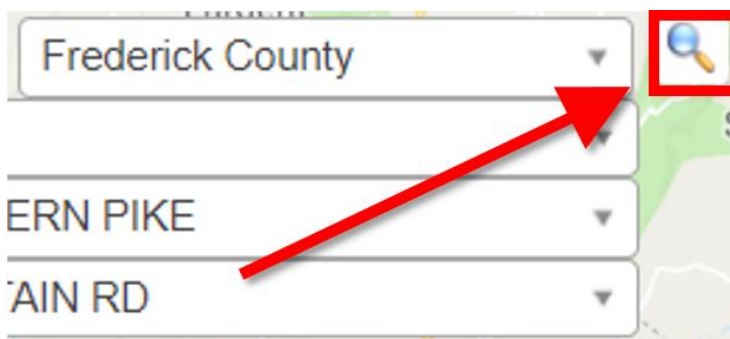
- **Primary Street:** Click this drop-down menu to view a list of all streets in the selected jurisdiction. You can choose as many streets as you wish. If you want to see crashes for all streets in the jurisdiction, do not make any selection here.
- **Intersecting Street:** If you selected a single street in the **Primary Street** drop-down menu, you can choose to view crashes at a specific intersection with the primary street. Click this drop-down menu to see a list of all streets that intersect with the primary street, and then choose the desired intersecting street. If you want to see crashes for the entire primary street (and all its intersecting streets), do not make any selection here.

Note: You can choose an intersecting street only if one street is selected in the **Primary Street** drop-down menu.

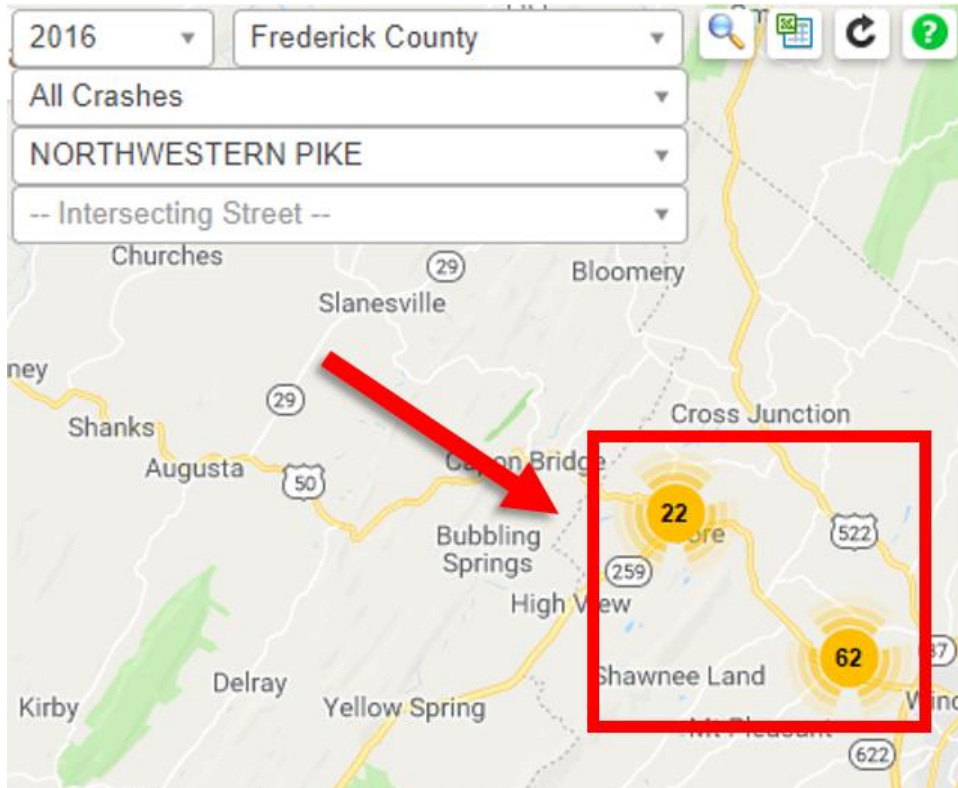
Example: The selections shown below will search for all crashes in 2016 in Frederick County that occurred on Northwestern Pike (including all streets that intersect with it):



4. After you've made your selections in the drop-down menus, click the **Search** button, which looks like a magnifying glass and is located next to the **Jurisdiction** drop-down menu.

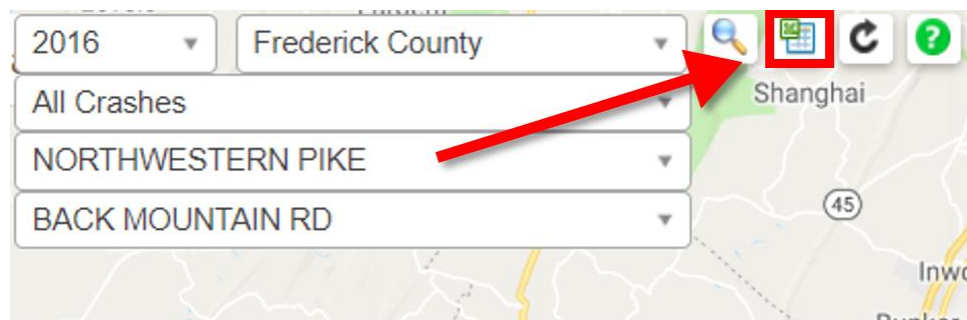


- Crashes that meet the criteria you selected in Step 3 will be displayed on the map. If multiple crashes occurred in a single area, they will be represented as clusters showing the quantity of crashes, as shown below.

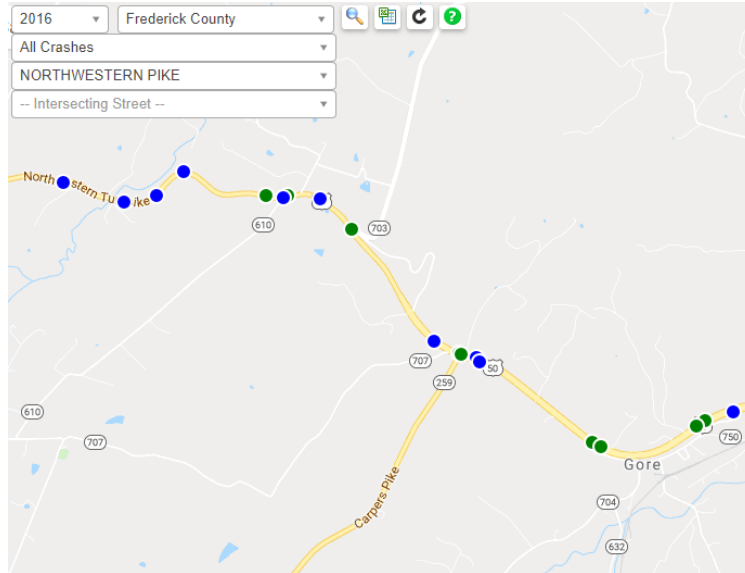


- At this point, you have two options for viewing the results of your search: you can save the results in a spreadsheet or you can view the results in the map on your computer screen. The option you choose depends solely upon your needs and preferences. Details about each option are provided below.

- Save results in a spreadsheet:** To save the results in a spreadsheet file, click the Excel icon in the bottom-left corner of the map window, as shown below. A file named **CrashesByJurisdiction.xls** will be saved in the **Downloads** folder on your computer.



- **View results on the map:** To see details about individual crashes in a particular cluster, click the cluster. The crashes will be shown on the map at the locations they occurred, as shown below.



To see detailed information about an individual crash, click the icon representing the crash. A box containing the crash details will appear, as shown below.

Injury Crash

Details

Document #	160535233
Crash Date	2/16/2016 10:30 AM
Latitude	39.28181
Longitude	-78.36821
Crash Type	Injury
Jurisdiction	Frederick County
Primary Street	NORTHWESTERN PIKE
Intersecting Street	
# of Fatalities	0
# of Injuries	1

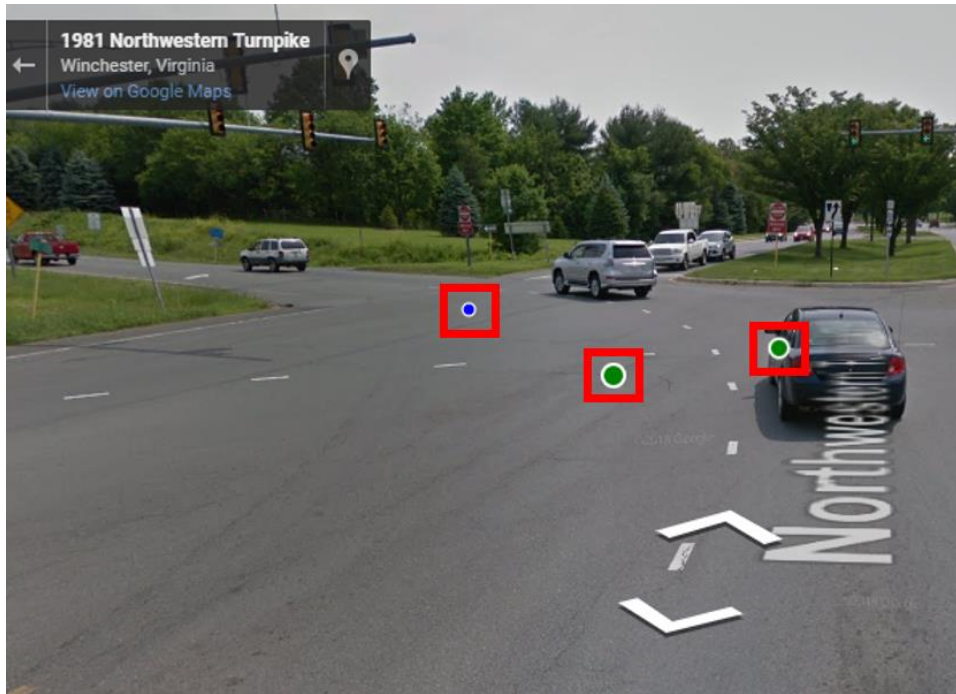
Additional tools on the jurisdiction crash map

The **Street View**, **Reset Map**, and **Help** buttons provide additional useful functionality on the jurisdiction crash maps. These tools are described below.

Street View button



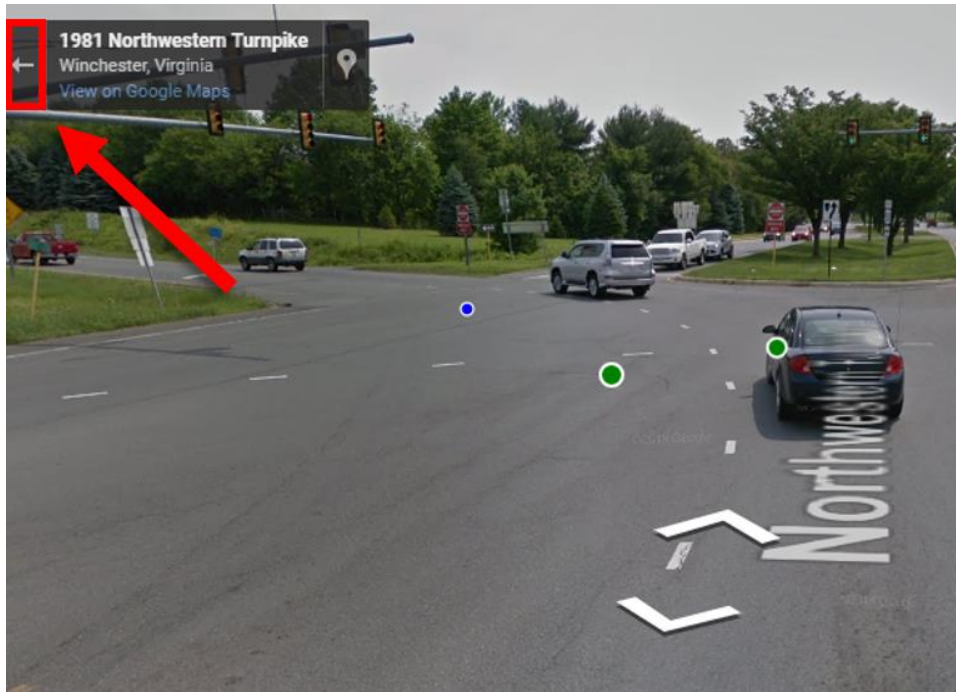
This button allows you to view individual crash locations in Google's Street View mode. This technology shows a circular icon for each crash on an interactive image of the actual location where the crashes occurred. See the image below for an example of what this looks like.



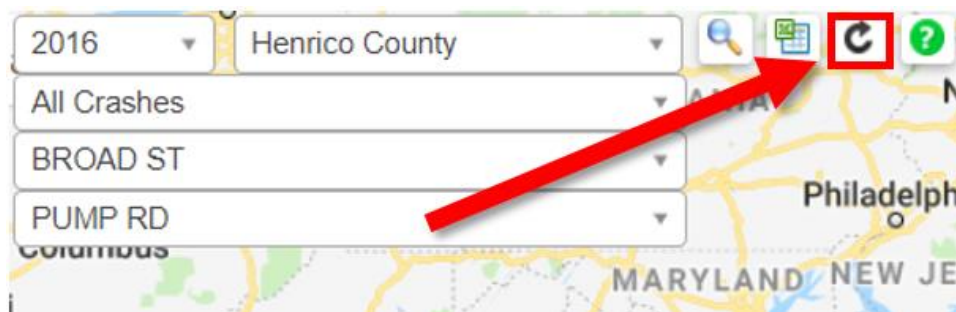
To use this feature, click and drag the **Street View** button to the location on the map where you want to see the map in Street View, as shown below. Drop the icon on any street that displays a blue line; the map will automatically show the crashes at the location.



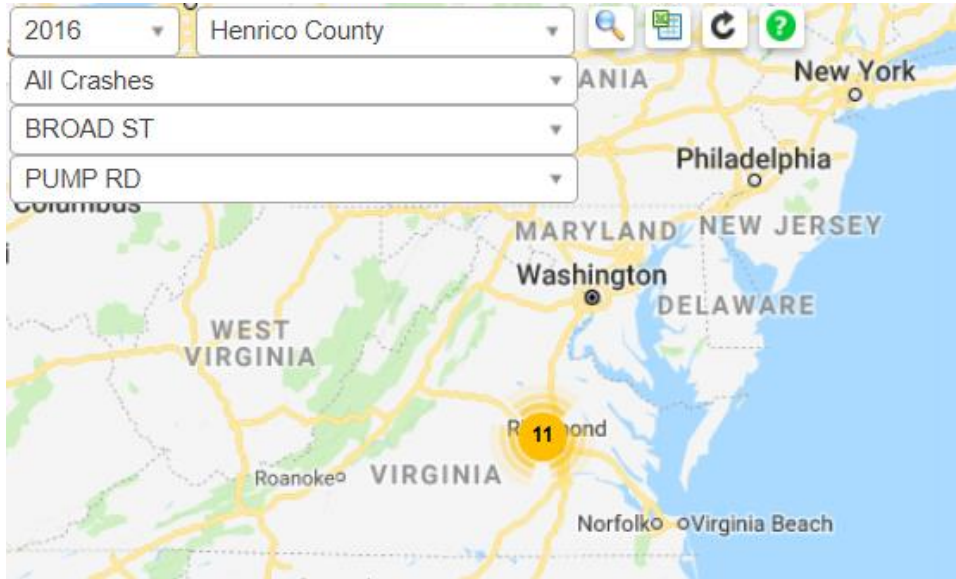
To exit Street View, click the left-pointing arrow in the top-left corner of the map, as shown below.



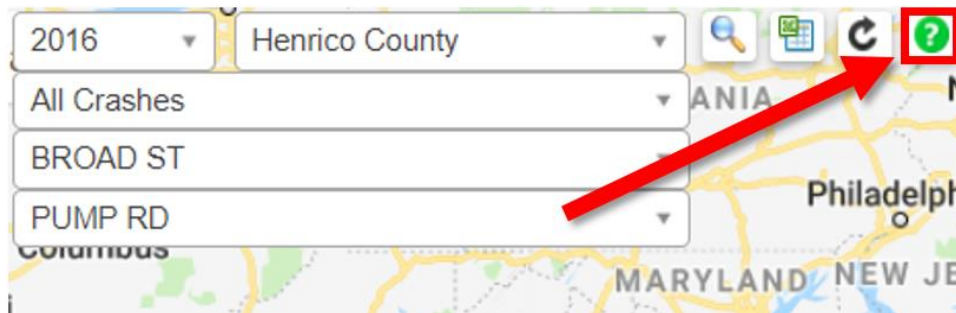
Reset Map button



Use this button if you have zoomed to a specific cluster or crash and want to return to the original wide view of the map. If any crashes were reported in the selected jurisdiction, those crashes will be displayed in a cluster in the wide view, as shown below.



Help button



This button allows you to view a step-by-step guide for how to use the Jurisdiction Crash Maps feature.

Version History

VERSION	DATE	DESCRIPTION OF CHANGE
1.0	9/19/2017	Initial version
2.0	2/26/2019	<ul style="list-style-type: none">• Updated images of map to reflect rearrangement or addition of icons and new display of crash indicators• Added section to explain Help button